

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/563,194
Source: IFwp
Date Processed by STIC: 1/13/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/10/06

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>10/563,194</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleics <input type="checkbox"/> Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters , instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text .	
5 <input type="checkbox"/> Variable Length	Sequence(s) <input type="checkbox"/> contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) <input type="checkbox"/> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) <input type="checkbox"/> missing the <220> "Feature" and associated numeric identifiers and responses Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can only represent a single <u>nucleotide</u> ; "Xaa" can only represent a single <u>amino acid</u>	



IFWP

Show <110> only
Once.

delete
extra <110>s.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/563,194
DATE: 01/13/2006
TIME: 10:18:21
Input Set : A:\SEQUENCE LISTING.txt-9663.66USWO.txt
Output Set: N:\CRF4\01132006\J563194.raw

```

W--> 3 <110> APPLICANT: JENSEN, Jens Stougaard
W--> 4 <110> APPLICANT: MADSEN, Lene Heegaard
W--> 5 <110> APPLICANT: RADUTOIU, Elena Simona
W--> 6 <110> APPLICANT: MADSEN, Esben Bjorn
W--> 7 <110> APPLICANT: SANDAL, Niels Norgaard
9 <120> TITLE OF INVENTION: Nod-factor perception
11 <130> FILE REFERENCE: 09663.0066USWO
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/563,194
14 <141> CURRENT FILING DATE: 2006-01-03
16 <150> PRIOR APPLICATION NUMBER: PCT/DK2004/000478
17 <151> PRIOR FILING DATE: 2004-07-02
19 <150> PRIOR APPLICATION NUMBER: PA 2003 01010 DK
20 <151> PRIOR FILING DATE: 2003-07-03
22 <160> NUMBER OF SEQ ID NOS: 54
24 <170> SOFTWARE: PatentIn version 3.2
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 45
28 <212> TYPE: DNA
29 <213> ORGANISM: Lotus japonicus
31 <400> SEQUENCE: 1
32 ctaatacgcac tcactatagg gcaaggcagtg gtaacaacgc agagt 45
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 29
37 <212> TYPE: DNA
38 <213> ORGANISM: Lotus japonicus
40 <400> SEQUENCE: 2
41 gctagttaaa aatgtaatag taaccacgc 29
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 21
46 <212> TYPE: DNA
47 <213> ORGANISM: Lotus japonicus
49 <400> SEQUENCE: 3
50 aaaggcggcat tcatcttctg g 21
53 <210> SEQ ID NO: 4
54 <211> LENGTH: 39
55 <212> TYPE: DNA
56 <213> ORGANISM: synthetic sequence
59 <220> FEATURE:
60 <221> NAME/KEY: misc_feature
61 <222> LOCATION: (1)..(39)
62 <223> OTHER INFORMATION: Oligo dT primer
64 <400> SEQUENCE: 4
65 gaccacgcgt atcgatgtcg actttttttt tttttttv 39

```

Does Not Comply
Corrected Diskette Needed

ppr1,6-7

initial <213> response. See item 10 on
Error Summary
Sheet.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/563,194

DATE: 01/13/2006
TIME: 10:18:21

Input Set : A:\SEQUENCE LISTING.txt-9663.66USWO.txt
Output Set: N:\CRF4\01132006\J563194.raw

68 <210> SEQ ID NO: 5	
69 <211> LENGTH: 19	
70 <212> TYPE: DNA	
71 <213> ORGANISM: Lotus japonicus	
73 <400> SEQUENCE: 5	
74 gcaagggaaag gtaattcag	19
77 <210> SEQ ID NO: 6	
78 <211> LENGTH: 2292	
79 <212> TYPE: DNA	
80 <213> ORGANISM: Lotus japonicus	
82 <400> SEQUENCE: 6	
83 ttattgatat actaaaccac aggatatttt attgacaatg tgaatgttcc atatttcaa	60
85 caatgctgat tccctctgat aaagaacaag ttccctttct cttccctgt taactatcat	120
87 ttgtccccca cttcacaaac atggctgtot tctttcttac ctctggctct ctgagtctt	180
89 ttcttgact cacgttgctt ttcaactaaca tgcgcgcctcg atcagaaaaag attagcggcc	240
91 cagacttttc atgcctgtt gactcaccc tcctctgtga aacatatgtg acatacacag	300
93 ctcagtctcc aaatcttctg agcctgacaa acatatctga tatatttgat atcagtcctt	360
95 tgtccattgc aagagccagt aacatagatg caggaaagga caagctgggt ccagccaag	420
97 tcttactggc acctgttaact tgcgggtgcg ccggaaacca ctcttctgcc aatacctcct	480
99 accaaatcca gcttaggtat agctacgact ttgttcaac cactttat gagaacctta	540
101 caaaattggaa tatagtacaa gttcaaaacc cagggtaaa tccatatttgc ttggcagagc	600
103 ggcgtcaaagt agtattccct ttattctgca ggtgcccttc aaagaaccag ttgaacaaag	660
105 ggattcagta tctgattact tatgtgtgga agccaatgca caatgttcc cttgtgagtgc	720
107 ccaagttgg tgcatccccca gcggacatat tgactgaaaa ccgcctacggt caagacttca	780
109 ctgctgcaac caaccccttcca attttgcattc cagtgacaca gttgccagag cttaactcaac	840
111 ctcttcaaa tggaaaggaaa agcagcatc atctctggc tatacttgat attaccctgg	900
113 gatgcacgtt gctaactgca gtttaaccg ggaccctcgat atatgtatac tgccgcagaa	960
115 agaaggctct gaataggact gttcatcag ctgagactgc tgataaaacta ctttctggag	1020
117 tttcaggcta tgtaaagcaag ccaaaccgtgt atgaaaatcga cgagataatg gaagctacga	1080
119 aggatttcag cgatgagtgc aagggtgggg aatcagtgtt caaggccaaatc atagaaggc	1140
121 ggggttgtgc ggtaaaagaaa atcaaggaag gtggtgccaa tgaggaactg aaaattctgc	1200
123 agaaggtaaa tcatggaaat ctggtgaaac taatgggtgt ctccctcaggc tatgtatggaa	1260
125 actgtttctt ggttatgaa tatgctgaaa atgggtctct tgctgagtgg ctgttctcca	1320
127 agtcttcagg aaccccaaac tcccttacat ggtctcaaag gataaggatac gcagtggatg	1380
129 ttgctgtggg tctgcaatac atgcatacgtt atacccatcc aagaataatac cacagggaca	1440
131 tcacaacaag taatatcctt ctgcactcga acttcaaggc caagatacgc aatttcgc	1500
133 tggccagaac ttgcaccaac cccatgatgc caaaaatcga tgtctcgat ttgggggtgc	1560
135 ttctgataga gttgttcacc ggaaggaaa ccatgacaaac caaggagaac ggaggggtgg	1620
137 ttatgctgtg gaaggatatg tgggagatct ttgacataga agagaataga gaggagagga	1680
139 tcagaaaatg gatggatcct aatttagaga gctttatca tatagataat gctctcagct	1740
141 tggcatcctt agcagtgaat tgcacagctg ataagtctt gtctcgaccc tccatggctg	1800
143 aaattgttct tagcctctcc tttctcactc aacaatcatc taaccccaaca ttagagat	1860
145 ccttgacttc ttctgggtta gatgtagaag atgatgctc tattgtgact tccattactg	1920
147 cacgttaaggc aaggaaaggtaattcagttt ctcataat tgcataatgc gcaatgggtt	1980
149 tgcgtgggtta ctattacatt ttaactagc tatttgctt tttctctgtt tttatggc	2040
151 agacactgga attgaatatc atatgtatggc ggagttgtct gttataatcat gtgctaataa	2100
153 caaattcagg caagatagtt aattgcattt gaaatacata tttctgtca gagatgggtga	2160
155 acatccatgc tccgaagctc atattaatgt tggttagctt tttctttca tcttttggg	2220
157 gtgaatgcgt gttcatgtaa ctcgtaaagggt gttatataatc acagaagtgc tatacgtcgt	2280

RAW SEQUENCE LISTING DATE: 01/13/2006
PATENT APPLICATION: US/10/563,194 **TIME:** 10:18:21

Input Set : A:\SEQUENCE LISTING.txt-9663.66USWO.txt
Output Set: N:\CRF4\01132006\J563194.raw

159 tccaaaaaaaaaa aa	2292
162 <210> SEQ ID NO: 7	
163 <211> LENGTH: 3536	
164 <212> TYPE: DNA	
165 <213> ORGANISM: Lotus japonicus GIFU	
167 <400> SEQUENCE: 7	
168 ggacatgaga ttgaagctcc aaaatttagct ctttttctg atgaatactt aatgctttgt	60
170 tgtattcaact tgattaagtg cttagaaatca tctttgcatg atcatagatt aaatgaattt	120
172 ccagttgggt tggagagc tattttgtta tgctgacatc tgcaatttgc agggcatcta	180
174 atgattgtca tttcttaaat tattattgtt tgttccgtt tctttaatta tctgttttaa	240
176 tcttcaggc catacaaatt aaaatactag ccaccaccca agacatacta aatgggttag	300
178 tagagggaag ggtaaggctcg ataaggatga ctttttattc tataaaattt aggagaattt	360
180 gagcttaagt ggcaaggcaa acgcattac tatacgaatt ggctttgtac cagaaacagg	420
182 gaacaaataaa tattttacaa ataagctatt atcatgtcag ctcatttgc caactttgat	480
184 ttgattaaaa attaaatgaa gttgaattt tgtagctgt ttattatata tgccacttgg	540
186 tgttccgca ttcttaagtgc atgttgaaa acatttctac aattgattac gaaggaaaaa	600
188 ttaatcatgg agagaagctt atgtgcgtag ctttgcgtt tctgaatttgc ttctatctgt	660
190 acagtagcat ttagataatg aatgtatctt gtttcgtca agcatcaaac caatctctac	720
192 ccttttaaaa ttgcaagaat tataagtcat gcattgaccc aaatccttct gtgttatgc	780
194 cccttaaaaaa tccggcaaga catcaagtta gttgtcatt agggttccac cagctagctg	840
196 acaccttgc taacaactgg ccttcctaaa gttgggttaag cattacaata ctaaatgc	900
198 ttttattata ttttgcgtat gtttatatac ctaagtagga tttgtccaca gtttcttgc	960
200 ttcggaaagg aaaaaatatt tagttgacac tgacagaagc agatttata tacatatatt	1020
202 atgaaatgac tcctacatga gatacacgaa tctcatcccc atgagttgc gtttgacaga	1080
204 gtacacactt atcaacttgc tggaatataag gaaagtctaa ccaatgtgt cgatccgtat	1140
206 tgccttaatt ttggtaaatt tagtattaca tgatcattat tgatatacta aaccacagga	1200
208 tattttattt acaatgtgaa tttccatatt tttcaacaat gctgattccc tctgataaag	1260
210 aaacaagttcc ttttctctt ccctgttaac tattttgtt tccccacttc acaaacatgg	1320
212 ctgtcttctt ttttacatgc ggtctctgtt gtcttttct tgcactcaag ttgtttca	1380
214 ctaacatgcg cgctcgtatca gaaaagatca gcccggcaga ctttcatgc cctgttgact	1440
216 caccccttc ttgtgaaaca tatgtgacat acacagctca gtctccaaat cttctgagcc	1500
218 tgacaaacat atctgatata tttgatatac gtcccttgc cattgcaaga gccagtaaca	1560
220 tagatgcagg gaaggacaag ctgggtccag gccaagtctt actggtagct gtaacttgc	1620
222 gttgcgcgg aaaccactt tctgcaataa cctccatcca aatccagctt ggtgatagct	1680
224 acgactttgt tgcaaccact ttatgtgaga accttacaaa ttggatataa gtacaagctt	1740
226 caaaccagg ggttaatcca tattttgttgc cagagcgtt caaagtatgtt ttcccttata	1800
228 tctgcagggtt cccttcaaag aaccaggatca acaaaggat tcaatcttgc attacttgc	1860
230 tggaaagcc caatgacaat gttcccttgc tgagtgc gtttgggtca tccccagcgg	1920
232 acatattgac tgaaaaaccgc tacggtcaag acttactgc tgcaaccaac cttccaattt	1980
234 tggatccagt gacacagttt ccagatctt ctcaacatcc ttcaatgtt gggaaaagca	2040
236 gcatccatct tctggatataa cttggatataa ccctggatg cacgttgc actgcagttt	2100
238 taaccggac cctcgatataa gtataacttgc gcagaaaagaa ggctctgaat aggactgtt	2160
240 catcgttgc gactgttgc aacttactttt ctggatgtt aggctatgtt agcaagccaa	2220
242 acgtgtatgc aatcgacgag ataatggaaat ctacgttgc ttgcgttgc gatgtcaagg	2280
244 ttggggatc agtgtacaatg gccaacatag aaggctgggt tgtagcgtt aagaaaatca	2340
246 aggaagggtgg tgccaaatggag gaactgaaaa ttctgcagaa ggtttatcat gggaaatctgg	2400
248 tgaaaactaat ggggtctcc tcaggctatg atggaaactt tttcttgc ttatgtatgc	2460
250 ctgaaaatgg gtctcttgc gatgttgc tctccaatgc ttccaggacc ccaaactccc	2520
252 ttacatggtc tcaaaggata agcatagcag tggatgttgc tgggtctg caatcatgc	2580

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/563,194

DATE: 01/13/2006
TIME: 10:18:21

Input Set : A:\SEQUENCE LISTING.txt-9663.66USWO.txt
Output Set: N:\CRF4\01132006\J563194.raw

254	atgaacatac	ctatccaaga	ataatacaca	gggacatcac	aacaagtaat	atccttc	tg	2640								
256	actcgaa	ctt	caaggccaa	atagcgaatt	tcgc	cagaacttcg	acc	2700								
258	tgtgc	aaa	aatcgatgtc	ttcg	gggtgc	ttct	gatagagttg	ctcaccggaa	2760							
260	ggaaagccat	gacaaccaag	gagaacggcg	agg	ttgtgttat	gtgtggaa	gatatgtggg	2820								
262	agatcttga	catagaagag	aatagagagg	agaggatcag	aaa	atggatg	gatcctaatt	2880								
264	tagagagctt	ttatcatata	gataatgctc	tcag	tttgc	atc	cttagca	gtgaattgca	2940							
266	cagctgataa	gtcttgc	cgacc	cctcca	tgg	cttgc	aaat	ctc	3000							
268	tcactcaaca	atcatctaac	cccacattag	agagatc	tttgc	tttgc	gggttagatg	3060								
270	tagaagatga	tgctcatatt	tgacttcca	ttactgc	acg	ttaag	caagg	gaaggtaatt	3120							
272	cagt	ttctca	tcaaattgtat	caagatgcac	ttt	tttgc	ttgttactat	tacat	3180							
274	actagctatt	tgcttatttc	tctgtattta	tttgc	agac	act	ggaaattg	aatatcatat	3240							
276	gatggaggag	ttgtctgtta	atacatgtgc	taataacaaa	ttcagg	caag	atagttaatt	3300								
278	gcattt	gaaa	tacatatttc	tgctc	agaga	ttgt	gaacat	ccatgctccg	3360							
280	taagtgttgtt	agctat	tttgc	tttgc	tttgc	atgcgtt	atgcgtt	atgtaa	3420							
282	taagg	ttta	tatattacag	aagt	cgta	tcc	ataattgatc	aagtac	3480							
284	tctatttgc	aaaaaaagcc	aagt	accaac	attagttgac	tcgtt	gagag	ttgtgc	3536							
287	<210>	SEQ ID NO:	8													
288	<211>	LENGTH:	595													
289	<212>	TYPE:	PRT													
290	<213>	ORGANISM:	Lotus japonicus													
292	<400>	SEQUENCE:	8													
294	Met	Ala	Val	Phe	Phe	Leu	Thr	Ser	Gly	Ser	Leu	Phe	Leu	Ala		
295	1			5			10					15				
298	Leu	Thr	Leu	Leu	Phe	Thr	Asn	Ile	Ala	Ala	Arg	Ser	Glu	Lys	Ile	Ser
299				20			25					30				
302	Gly	Pro	Asp	Phe	Ser	Cys	Pro	Val	Asp	Ser	Pro	Pro	Ser	Cys	Glu	Thr
303		35			40						45					
306	Tyr	Val	Thr	Tyr	Thr	Ala	Gln	Ser	Pro	Asn	Leu	Leu	Ser	Leu	Thr	Asn
307		50				55					60					
310	Ile	Ser	Asp	Ile	Phe	Asp	Ile	Ser	Pro	Leu	Ser	Ile	Ala	Arg	Ala	Ser
311	65				70			75				80				
314	Asn	Ile	Asp	Ala	Gly	Lys	Asp	Lys	Leu	Val	Pro	Gly	Gln	Val	Leu	Leu
315					85			90				95				
318	Val	Pro	Val	Thr	Cys	Gly	Cys	Ala	Gly	Asn	His	Ser	Ser	Ala	Asn	Thr
319			100			105					110					
322	Ser	Tyr	Gln	Ile	Gln	Leu	Gly	Asp	Ser	Tyr	Asp	Phe	Val	Ala	Thr	Thr
323			115			120					125					
326	Leu	Tyr	Glu	Asn	Leu	Thr	Asn	Trp	Asn	Ile	Val	Gln	Ala	Ser	Asn	Pro
327		130			135					140						
330	Gly	Val	Asn	Pro	Tyr	Leu	Leu	Pro	Glu	Arg	Val	Lys	Val	Val	Phe	Pro
331	145				150				155				160			
334	Leu	Phe	Cys	Arg	Cys	Pro	Ser	Lys	Asn	Gln	Leu	Asn	Lys	Gly	Ile	Gln
335					165			170			175					
338	Tyr	Leu	Ile	Thr	Tyr	Val	Trp	Lys	Pro	Asn	Asp	Asn	Val	Ser	Leu	Val
339			180			185					190					
342	Ser	Ala	Lys	Phe	Gly	Ala	Ser	Pro	Ala	Asp	Ile	Leu	Thr	Glu	Asn	Arg
343			195			200					205					
346	Tyr	Gly	Gln	Asp	Phe	Thr	Ala	Ala	Thr	Asn	Leu	Pro	Ile	Leu	Ile	Pro
347			210			215					220					

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/563,194

DATE: 01/13/2006
TIME: 10:18:21

Input Set : A:\SEQUENCE LISTING.txt-9663.66USWO.txt
Output Set: N:\CRF4\01132006\J563194.raw

350 Val Thr Gln Leu Pro Glu Leu Thr Gln Pro Ser Ser Asn Gly Arg Lys
351 225 230 235 240
354 Ser Ser Ile His Leu Leu Val Ile Leu Gly Ile Thr Leu Gly Cys Thr
355 245 250 255
358 Leu Leu Thr Ala Val Leu Thr Gly Thr Leu Val Tyr Val Tyr Cys Arg
359 260 265 270
362 Arg Lys Lys Ala Leu Asn Arg Thr Ala Ser Ser Ala Glu Thr Ala Asp
363 275 280 285
366 Lys Leu Leu Ser Gly Val Ser Gly Tyr Val Ser Lys Pro Asn Val Tyr
367 290 295 300
370 Glu Ile Asp Glu Ile Met Glu Ala Thr Lys Asp Phe Ser Asp Glu Cys
371 305 310 315 320
374 Lys Val Gly Glu Ser Val Tyr Lys Ala Asn Ile Glu Gly Arg Val Val
375 325 330 335
378 Ala Val Lys Lys Ile Lys Glu Gly Ala Asn Glu Glu Leu Lys Ile
379 340 345 350
382 Leu Gln Lys Val Asn His Gly Asn Leu Val Lys Leu Met Gly Val Ser
383 355 360 365
386 Ser Gly Tyr Asp Gly Asn Cys Phe Leu Val Tyr Glu Tyr Ala Glu Asn
387 370 375 380
390 Gly Ser Leu Ala Glu Trp Leu Phe Ser Lys Ser Ser Gly Thr Pro Asn
391 385 390 395 400
394 Ser Leu Thr Trp Ser Gln Arg Ile Ser Ile Ala Val Asp Val Ala Val
395 405 410 415
398 Gly Leu Gln Tyr Met His Glu His Thr Tyr Pro Arg Ile Ile His Arg
399 420 425 430
402 Asp Ile Thr Thr Ser Asn Ile Leu Leu Asp Ser Asn Phe Lys Ala Lys
403 435 440 445
406 Ile Ala Asn Phe Ala Met Ala Arg Thr Ser Thr Asn Pro Met Met Pro
407 450 455 460
410 Lys Ile Asp Val Phe Ala Phe Gly Val Leu Leu Ile Glu Leu Leu Thr
411 465 470 475 480
414 Gly Arg Lys Ala Met Thr Thr Lys Glu Asn Gly Glu Val Val Met Leu
415 485 490 495
418 Trp Lys Asp Met Trp Glu Ile Phe Asp Ile Glu Glu Asn Arg Glu Glu
419 500 505 510
422 Arg Ile Arg Lys Trp Met Asp Pro Asn Leu Glu Ser Phe Tyr His Ile
423 515 520 525
426 Asp Asn Ala Leu Ser Leu Ala Ser Leu Ala Val Asn Cys Thr Ala Asp
427 530 535 540
430 Lys Ser Leu Ser Arg Pro Ser Met Ala Glu Ile Val Leu Ser Leu Ser
431 545 550 555 560
434 Phe Leu Thr Gln Gln Ser Ser Asn Pro Thr Leu Glu Arg Ser Leu Thr
435 565 570 575
438 Ser Ser Gly Leu Asp Val Glu Asp Asp Ala His Ile Val Thr Ser Ile
439 580 585 590
442 Thr Ala Arg
443 595
446 <210> SEQ ID NO: 9

10/563,194 6

from sequence 23

tga aga cag gtg aat tag ttg ctg aat caa agg gcc ttg tag ctt tg	9275
Arg Gln Val Asn Leu Leu Asn Gln Arg Ala Leu Leu Cys	
520 525	530 ← insert
gtgagtc tac atgccccttc tctaacc ctttacaaacc aatttactcac aatttcgaaa	9335
attttacatg tatatttcaa agctactcag cacaaatgca ttggccctta acttgcttg	9395
cattgcag t ttg aag aag cac tta ata aga gtg atc ctt gtg atg ctc	9443
Leu Lys Lys His Leu Ile Arg Val Ile Leu Val Met Leu	
535 540	

10/563,194 7

<210> 45
<211> 26
<212> DNA
<213> Glycine max

<220>
<221> misc_feature
<222> (1). (27) do you mean (26)?
<223> NPR5 gene PCR primers

<400> 45
ctaatacgac ataccaacaa ctgcag

26

VERIFICATION SUMMARY DATE: 01/13/2006
PATENT APPLICATION: US/10/563,194 TIME: 10:18:22

Input Set : A:\SEQUENCE LISTING.txt-9663.66USWO.txt
Output Set: N:\CRF4\01132006\J563194.raw

L:4 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:5 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:6 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:7 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:1502 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 23
L:1697 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:23
L:1720 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 23